

C-A MAINTENANCE, REPAIR AND MODIFICATION PROGRAM
JOBS SCHEDULING REQUEST

GROUP:VACUUM:GILL-X4627,Page-4164/// Add'l Contact:MAPES-X2841,Pager4277///HSEUH-X7505

FOR MAINTENANCE PERIOD: (DATE) SUMMER 2004 DATE SUBMITTED: _____

SHEET 1 OF 5 (so far !)

J O B #	MACHINE (e.g., RHIC, AGS) & AREA WHERE WORK IS TO BE DONE:	TIME PERIOD REQUIRED START/END DATES	POSSIBLE DISRUPTIONS TO OTHERS: * (e.g., SEE BELOW)	JOB DESCRIPTION, RESPONSIBLE PERSON & GROUP DOING THE WORK ----- (MAJOR SYSTEM - JOB DESCRIPTION - RESPONSIBLE PERSON/GROUP) C = COMPLETED, RS = RESCHEDULE, IDK = I DON'T KNOW, IP = IN PROCESS, CAN = CANCELLED, * = LATE ADDITION	COMMENTS: e.g., ADD'LSUPPORT (GROUP & TASK) POSSIBLE DELAYS & SCHEDULE CHANGES, etc.	HP SURVEY DETAILS ATTACHED √ RWP #
1	AGS / F		CAN	Replace F-10 SEPTUM		Rwp req.
2	AGS / HI			Check / replace H-20 ion pump? H-20 ion pump cable? (with item #3)	DL / JB	Rwp req.
3	AGS / HI			Remove H-20 Septum from girder for inspection (with item #2) (install straight section temporarily & restore vacuum integrity)	JB	Rwp req
4	AGS ring & A10/E18/H10	May - Sept		Vacuum valve plc upgrade Includes replacing all valve solenoids in ring (RWP required for ring work only)	LS / DZ / DL / MC / +	Rwp req
5	AGS / AB			Remove Inj. Harp and BCM from A-20 & install at A-15		Rwp req
6	AGS / AB			Remove Flying Wire and sector valves from A-20 & x-port to storage		Rwp req
7	AGS / AB			Install straight section if Cold Snake is not ready		Rwp req
8	AGS / AB			Install new Cold Snake at A-20		Rwp req
9	AGS / BC			Install new BLIP interlock x-fmr at B-15		Rwp req
10	AGS / C5-E15			IPM's ... replace motors? Replace servo's?		Rwp req
11	AGS / LA			Replace L-20 flag		Rwp req
12	AGS			Replace nine #13 Sextupole magnets & re-use beam pipe (list of sextupoles to follow)	JB / +	Rwp req
13	A10/E18/H10			Clear outstanding ion pump power supply problems (DNA's, etc.)	LS / DZ / DL	

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14	IP-2	May -June		NEG-SS pipes, NEG-Al sleeves, bake		
15				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
16	Yo-1	June - July		Install NEG pipes, new IPM MCP, bake		
17	Bo-2	July - August		Schottky repair, install NEG pipes, new IPM MCP, bake		
18	Yi-2	July - August		Schottky repair, install NEG pipes, bake		
19	IP-4			NEG pipes, remove shunt, bake		
20	Yo4-1			Coat, replace Acc. Cav. windows		
21	Yo4-2			Replace 3.2 Stor. Cav. window		
22	Yo4-3			Install / Bake SCK, Install NEG pipes?		
23	Bi4-1			Coat, replace Acc. Cav. windows		
24	Bi4-2			Replace SC FMD		
25	Bi-5			Insert G5 triplet probes, NEG pipes / bake		
26	Yo-5			Insert G5 triplet probes, NEG pipes / bake		
27	Yi-6			Install NEG pipes / bake / V collimator installation???		
28				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		

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29	IP-6	May – October		NEG-SS pipes, bake		
30	Bo-7	Sept - October		Install NEG pipes / bake		
31	Yo-8	Sept - October		Install NEG pipes / bake		
32	Bi-8	June - July		Bake collimators, install NEG pipes??		
33				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
34	Yo-9	May - July		Dump kicker repair, install NEG pipes, / bake		
35	Bi-9	July - August		Install NEG pipes / bake		
36	Bo-10	September		Vertical collimator(?)		
37	IP-10	May – Sept		NEG – Be pipes, NEG-SS pipes, bake		
38	Yi-11	Sept - October		Modify SCU, bake, NEG pipes????		
39	IP-12	May - June		Install NEG pipes, remove jet (?), bake		
Note: when removing kapton solenoid wire for NEG pipes, save the kapton wire for future use.						
40	RING / IP-10			Restore solenoids / NEW SOLENOIDS AT IP-10		

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41	Yo-9 (Q7-Q8)	Insulating		Repair snake He leaks (5e-2 range)		
42	Bi-5 (Q14 end)	Insulating		Repair He leaks (2e-3 range)		
43	6:00 Y Valve Box	Insulating		Repair He leaks between valves 6736 & 6740 (2e-3 range)		
44	G5 triplet	Insulating		Vibration & roll study		
45				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
46				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
47				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
48	RHIC tmp's			Perform maintenance		
49	RHIC ccg's			Maintenance / replace?		
50	RHIC ppa's			Maintenance / replace?		
51	RHIC valve airline			Install new air dryers?		
52				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
53	ATR line/ X-4 & 5			Replace X4-sv ... vent X-4 & X-5		
54	ATR line / U 1			Replace current x-fmr at UFX1		Rwp req
55	ATR line / U 2			Replace flag drive unit at UFX2		Rwp req

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56	BOOSTER/BTA	August		BTA foil drive sector valve installation. bake		Rwp req.
57	BOOSTER / E	July		Replace E-7 magnet / bake	VU	Rwp req.
58	BOOSTER / B	July		Electrically isolate B-6 collimator (possibly may not need to vent)		Rwp req
59	BOOSTER	August		Final continuity check and connect remainder of i.g. collector cables	JS	Rwp req
60	HITL	May		Swap out harp in HITL sector 29 Change bellows?? bake	VU / JS / +	Rwp req.
61				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
62	BLIP 1	June		Replace the two "B" ion pumps		Rwp req.
63	BLIP 1	June		Wrap graphite filled beam pipe with heater tapes and bake (?)		Rwp req
64	BLIP 2			<i>Possibly</i> replace window in wall at end of line		Rwp req
65				RESERVED ... FOR ... LAST ... MINUTE ... ADDITION		
66	REF			Restore vacuum integrity for upcoming run		Rwp req
67						
68						
69						
70						